

INFORMATION DISCLOSURE STATEMENT PTO-1449	Attv. Docket No. 042017	Serial No. New Appln. 10/756403
	Applicant(s): Hiroshi HASHIMOTO et al.	
	Filing Date: January 14, 2004	Group Art Unit: 2813

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Name	Date	Class	Subclass	Filing Date (If appropriate)
___	AA	<i>None</i>				
___	AB					
___	AC					
___	AD					

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Translation (Yes or No)
<i>JM</i>	AE 9-129721	05/16/97	Japan	Abstract
___	AF 2001-203285	07/27/01	Japan	Abstract. Discussed in the specification.
<i>JM</i>	AG 2002-349164	12/04/02	Japan	Abstract. Discussed in the specification.
___	AH			
___	AI			

OTHER DOCUMENTS

___	AJ	<i>None</i>
___	AK	
Examiner <i>Ey M. H. H.</i>		Date Considered <i>6/9/06</i>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Application Number	10/756,403
Confirmation Number	3499
Filing Date	January 14, 2004
First Named Inventor	Hiroshi HASHIMOTO et al.
Art Unit	2813
Examiner Name	James M. Mitchell
Attorney Docket Number	042017

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
JMM	1	US 5,888,869		03-30-1999	Cho et al.
		US			
		US			
		US			
		US			
		US			
		US			
		US			
		US			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
JMM	2	CN	1177212A		03-25-1998	Hyundai Electric Ind. (Corresponds to the above US patent)	Yes
JMM	3	JP	10-93055		04-10-1998	Corresponds to the above CN patent	

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶

Examiner Signature

Ex Mitchell

Date Considered

6/9/06

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of

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		Number	Kind Code ² (if known)		
JMM	1	US 6,388,504		05-14-2002	Goto et al.
JMM	2	US 6,664,148		12-16-2003	Goto et al.
		US			
		US			
		US			
		US			
		US			
		US			
		US			

FOREIGN PATENT DOCUMENTS

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		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
JMM	3	JP	2002-151598		05-24-2002	Mitsubishi Electric Corp	Abstract & Trans
	4	JP	02-271659		11-06-1990	Fujitsu Ltd.	Abstract & Trans
JMM	5	JP	2001-156260		06-08-2001	NEC Corp	Abstract & Trans

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶

Examiner Signature	<i>[Signature]</i>	Date Considered	6/9/06
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